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Boughen's Nursery and Fruit Farm CATALOGUE

— AND —

PLANTER'S GUIDE

W. J. BOUGHEN

Northern Plant Specialist

H. H. OLSON

Field Manager.

NORTHERN SPECIALISTS



PLUMS
HYBRID CHERRIES
CRAB APPLES
HYBRID APPLES
RASPBERRIES
SANDCHERRIES
CURRANTS — BLACK,
RED AND WHITE
EVERBEARING
STRAWBERRIES
ROSES, LILACS,
SHADE TREES
ORNAMENTALS.
PEONIES
PHLOX
PERENNIAL FLOWERS
MANY KINDS.

W. J. BOUGHEN

And the Silver Cup won for Third
successive year for the greatest
number of prizes for all kinds of fruit.

ADDRESS—

BOUGHEN'S NURSERY
VALLEY RIVER, MAN.

DAUPHIN HERALD PRINT

Canada

INTRODUCTION

We are at the dawn of a great revival of planting trees, fruits and ornamentals. In other words people of the West have decided a home cannot be made by planting wheat, oats and barley, but a "well rounded" homestead in country or town needs to grow its own fruit, and needs to be beautiful in order that it may look like a home. This only will stabilize our population and make our children, growing up, love the land of their birth or adoption.

We trust you will study this, our ninth catalogue, and see if you could not advantageously plant some of our stock for this purpose.

We thank our customers for a fifty per cent increase of business last year and now, January 1st, our spring orders already surpass our last year's orders. On our part we made provision for this increase, having confidence in our prospects, and planted over double our usual planting. To give an idea, in one fruit alone we expect to offer 15,000 plum trees for sale next year.

For many years we have at a great loss carried on a private experimental farm on the growing of fruits, trees and ornamentals in the north. There was no Government Institution to copy as a leader, this far north. Our reward has come in the approval of our foremost Canadian Horticulturists and some in the northern States, and in the great publicity given our work by our leading farm papers, also in the flood of orders in spite of scarcity of money by those who visited our grounds last summer and admired our fruit crop and flowers. Our trees for several years have been loaded with fruit beyond our wildest anticipations. Neighbors who for years made sarcastic comment on our horticultural efforts have admitted their error and are now eagerly planting what we advise. Could mortal wish greater approval. Yet this loads on us a deepening responsibility. We tell the exact truth on horticulture as we find it without exaggeration. We are not "enthusiasts." Our Motto shall be "Intelligent Horticultural Service." Our land is on N.E. 13-26-20 W1, about 100 miles due north of Brandon, 180 miles north west of Winnipeg, on the C.N.R.

We ship from Valley River on C.N.R. Purchaser pays transportation. We prune for planting unless otherwise instructed.

OUR TERMS are cash with the Order, except to Public Institutions.

MONEY ORDERS to be made payable at Valley River.

REFERENCE—Bank of Commerce, Dauphin.

Add 15c. to personal cheques for Exchange.

STANDARD RUSSIAN APPLES.

Antonovka—This variety has fruited here. It is a fine large yellow apple, fully three inches in diameter. Good quality, late fall.

Hibernal—Of first degree of hardness. Tree is a spreading, crooked grower. Fruit large striped, late fall apple.

Blushed Calville—Trees perfectly hardy here. Medium size apple, yellow with slight blush, juicy, sub-acid. Ripens in August.

Duchess—Early fall apple of good quality. Needs a sheltered position. Does well in Southern Manitoba.

Wealthy—This fine apple has fruited in Dauphin. Tree a vigorous grower and early bearer. Red striped apple, tender and juicy.

All the above varieties do well in Southern Manitoba and should be planted in well protected locations anywhere. Plant close—10 or 12 feet apart.

Prune short and make top of tree grow in bush form where planted. Select well drained soil, preferably with northern exposure. Have protection from south west at least. Wrap trunk with strips of bags in fall. Hill tree about a foot to keep mice from girdling. Plant deeper than they stood in the Nursery. Trees 2—4 feet, 75c. each; \$7.50 per dozen. Larger \$1 each; \$10 per dozen.

SAUNDERS HYBRID APPLES (Pyrus baccata X big apple crosses)

Alberta—Tree a strong grower, fruit 1.6 by 1.4, yellow with red cheek. Quality good. End of September. Large trees only. Price, \$1 each.

Elsa—Tree good. Fruit large, yellow, acid. Few trees at \$1.

Jewel (Pyrus baccata, by yellow Transp.)—Strong tree, good yielder; fruit red cheeked. Price \$1.

Columbia—Tree strong grower. Fruit large for its class. Good quality. One year trees only. 60c. each.

Robin—One of the best of these. One year trees only. 60c. each.

Silvia—Early little harvest apple. Ripe August 20th. Greatly in demand. 1 year trees 75c.

Tony—Tree a good grower. Fruit striped quality good to eat. Few 2 year at \$1.

DR. HANSENS HYBRID APPLES.

Dolgo—A long pointed red crab, makes red jelly. Strong and hardy. \$1.

Olga—This is a hybrid of Duchess. Hardy here. Flattened fruit; good quality. \$1.

Red Tip—An ornamental tree. Unusual leaves and red tipped twigs. \$1.

Other varieties—Cathay, Amur, Ivan.

PLUMS.

Dessert Plum—This is the best plum of our own selection from hundreds of seedlings grown from seed obtained from Dr. Hansen. It has the approval of the best horticulturists for its quality. It is a fair sized, yellow, splashed with red; ripe 10th to 15th September; hangs well to tree. It is nearly free stone, and its eating quality delicious—a true dessert plum. Trees for sale Fall 1924, \$2 each.

October Ruby—A high quality late plum, firm and very beautiful red. Must not be picked till fully ripe which is usually last of September. It is quite large and an abundant bearer. Trees in Fall 1924, \$1.50 each.



1st Prize Transcendent Crabs, grown in Dauphin.

STANDARD CRABS.

Red Siberian—The hardiest crab we know. Beautiful ornamental in bloom and in fruit. Annual bearer. Fruit good preserver, three-quarter inch in diameter.

Yellow Siberian—A clear yellow crab. Bears semi-annual. Good preserver.

Transcendent—The large commercial crab. Yields well here.

Florence—Crooked grower. Fine red fruit a little later than above; tree not subject to blight.

Hyslop—A large late, very red crab. Tree hardy; good bearer.

Whitney—The nearest approach to a dessert apple among the crabs. Very large, sweetish flavor, highly colored. Not quite hardy, should be protected.

Virginia—Tree extra vigorous. Fairly hardy. Fruit very large, flat, somewhat late. Trees of above varieties 75c. to \$1, according to size.

RASPBERRIES.

Herbert—A very fine raspberry; great yielder. Does well at Peace River; seems to need shelter here. \$1.50 per doz., \$10 per 100.

Hansen's Ohta—Our very hardiest raspberry. Large light red, soft, acid. Good home berry. Our stock is low; \$2 per doz. Sold by the largest U. S. Nursery as Flaming Giant at 50c. each.

Miller—We recommend this berry as best, all things considered; hardness, firmness, yield, and quality. Good shipper. \$1 per doz.; \$6 per 100.

Latham—The best product of the Minnesota Fruit Breeding Farm. High quality. Largest and heaviest berry. Late. Will extend the raspberry season. \$1.50 doz.; \$10 per 100.

Sunbeam—Often considered Dr. Hansen's best raspberry. Fairly hardy. Drought resistant. Purplish berry of fine flavor. \$1.25 dozen; \$8 per 100.

We have six new varieties of Dr. Hansen's raspberries which we may offer in a few years if they prove of value. Each variety had a few nice berries the same year planted.

Early June—A fine variety; tender; without winter protection. \$1 per dozen.

King—Hardy, early; good raspberry. \$1 per dozen; \$6 per 100.

Minnetonka Ironclad—Hardy, early, superior quality. Does not stand drouth well. \$1 per doz.

BOUGHEN'S NURSERY, VALLEY RIVER, MAN.

St. Regis Everbearing—This variety yielded well of sweet, good berries in 1922, for the first time in eight years. We consider this eminently worthless for the prairie provinces unless well protected. This has been sold here on Eastern Canada recommendation at \$5 per doz. It is likely OK in the warmer parts of Ontario. It lacks the fundamental requisite for the Prairie Provinces—hardiness. \$1 per doz.; \$6 per 100; \$30 per 1000.—20,000 for sale.

Columbia—A non-suckering, purple berry; needs protection; fine quality. 25c. each; \$2.50 per dozen.

Cumberland—A good large, black raspberry; needs protection and is worth it; fairly hardy. 25c. each; \$2.50 per dozen.

STRAWBERRIES.

Progressive Everbearing—After trying many kinds of everbearers for some year, we decided to specialize in the "Progressive". A new patch of an acre planted end of May, 1922, and with the blossoms picked to try to throw the strength into new plants till August, they yielded for sale \$350 worth of fruit besides supplying two families and samples for hundreds of visitors. We offer plants from this field, said by the Government Horticultural expert to be the best in Manitoba. These are grown on sandy loam and have good roots. Price \$1 per 12. \$5 per 100; \$40 per 1,000. Pruned for planting.

Senator Dunlap—A fine old variety; good cropper; \$2.50 per 100.

Portia—New Experimental Farm, Ottawa variety. Pistillate, firm, red clear through, of exceptional quality. Glossy leaves. Does not spread much; needs a staminate variety in order to produce fruit. Per doz. \$1.50, with 1 doz. Dunlap, for fertilization purposes, \$2.

Duluth or Minnesota No. 3—A fine new variety from Minnesota Fruit Breeding Farm; perfect flowers; \$1.25 per doz.; \$5 per 100.

Dakota—Hardy as the wild, a fine berry by Professor Hansen. Per 100, \$2.50; 50 for \$1.50.

RHUBARB—HORSE RADISH— ASPARAGUS.

Rhubarb—Divisions or 2 year plants, common, 25c.

Rhubarb—Giant; a superior large variety; divisions 50c.

Horseradish Sets—Per doz. 50c.

Asparagus—Two year; per doz. 50c.; per 100, \$2.

GOOSEBERRIES.

We do not consider there are any real satisfactory gooseberries for this part of the country. To get good gooseberries the native gooseberry should be used as a foundation. Greater hardiness is required. We, of course, have several standard sorts for sale.

Houghton—Probably the hardiest. Fruits prolifically some times. Price 25c.

Carrie—A newer product from Minnesota. Better yielder where hardy. Price 35c.

Wild Gooseberries—We have some from north Saskatchewan, nearly thornless, 35c.

CURRENTS.

White Grape—Fine large white currant, sweet, and heavy yielder. Price 25c.

White Imperial—A very good white currant; 25c. each.

Fays Prolific—A large red, sharp, good yielder; 25c. each.

Cherry—A good, sure cropper; medium sized red; 25c. each.

Prince Albert—A large late red of extra good quality; hangs on to bush till September. Something real good. 35c. each.

Perfection—A cross between Fays Prolific and White Grape, and the best in fruit of any currant; not quite hardy in severe locations, however. It is the largest red currant, and of rich, mild sub-acid. Price 50c. each

Black Naples—Hardy Black Currant, good quality.

Black Champion—Victoria, Leés Prolific, Standard Blacks; heavy bushes 35c.

WILD FRUITS.

High Bush Cranberries—Strong River Bottom bushes, 25c. each.

Pincherry and Chokecherry Trees—3-4 ft., 25c. each.

Nannyberry—Hazel nuts, native good bushes, 25c.

Wild Siberian Crabs for ornamentals more than fruit, 4-6 ft. Price 50c. each. These are quite hardy and have large flowers.

Juneberries (Saskatoon)—Success variety 25c. Wild, 2 for 25c.

Wild Black Currants of the north; Ribes Hudsonianum; good berries; strong flavor; all ripen at once. Nursery grown. 50c. each; also Ribes Floridum and Prostrata.

We make a speciality of securing hardy northern wild fruit plants for plant breeders in any part of the world. Write us what you want.

✓ Skeena River High Bush Cranberry—Fruits in small racemes in axils of leaves, excellent jelly fruit; doing well here; valuable to experimentalists. \$1 each.

ORNAMENTAL SHRUBS.

Josikea Lilac—Dark purple, late, sure bloomer, 75c.

Villosa Lilac—Light Pink, otherwise like above, 75c.

Lyndleyana—First offering our best dark single, very floriferous, 6 trees at \$1 each.

President Grevy—Early double blue, very fine, \$1 each.

Senator Volland—Double rosy red, very attractive, \$1 each.

Grandiflora Alba—Large single white, 75c. each.

Common White and Reds at 50c. each.

Collections of any of these and other best grafted varieties at \$10 per dozen.

Persian Lilac—Small foliage, purplish white flowers, 75c.

Flowering Currant—Yellow, late black fruit, 40c.

Spirea, Sorbifolia—Hardest of Spireas; Creamy pannicles of bloom in July, 50c.

Spirea, Van Houttei—Showy, drooping, ornamental. White, bloom in June; bushy; 50c.

Spirea, Billardi—Pink, terminal racemes; hardy; 40c.

Honeysuckles—Tartarian, white, pink, red, all extra hardy and very beautiful; should be in every garden; 50.; large \$1.

Honeysuckles for Hedges—12 to 18 inches, mixed or separate colors; 25c. each; \$20 per 100.

Loniceri Albertii—Quite different from Tartarian Honeysuckles and just as fine, purplish pink flowers in June; 50c. each.

Potentilla Fruticosa—Native shrub, bright yellow, long, blooming; makes fine low hedge, 25c.

Ginnalian Maple—Cutleaved, ornamental small tree, 50c. each.

Manchurian Maple Seedlings—2 years old, 25c. each; \$2.50 doz.

Manitoba Elderberry—A very good ornamental, red or yellow berries, \$1 each.

Native Virginia Creeper—A fine house climber, 25c. each; 2 year 50c., \$2.50 per doz.

Native Hops—Native Bittersweet—Climber with orange berries, 25c. each.

Siberian Almond—Early pink flowers, nuts like plum seeds; a new importation from Siberia, by Prof. Hansen, 75c. each.

Carragana—Tree variety, large 50c.

Colorado Blue Spruce—Green specimens, 2 to 3 feet, \$1.

Select Blue specimens, \$3 to \$5, according to size.

Kosters Blue Spruce, Grafted—Write for prices.

Pyramidal Arbor Vitae, or Cedar—Write for prices.

PLUMS AND HYBRID CHERRY-PLUMS.

We specialize in plums for the North; and our greatest successes in exhibitions and in the minds of our visitors come from our demonstrating the ease and success of the growing of the plum, and the hybrid Cherry-Plums in Northern Manitoba.

We again, in 1922, captured easily all first prizes for named varieties, any other variety, and Collection of Plums, at Winnipeg Garden Show; also for past three years we have shown the First Prize wild plum. These were natives of the Dauphin District. We will offer four selected varieties of Dauphin wild plums in the fall of 1924 at \$1.50 each tree. Two kinds of plums are necessary to get fruit. These new varieties will go farther north than any named varieties offered. They are good sized and practically free of astringency. Good, vigorous trees; fairly resistant to plum pocket; early and sweet. Orders for these will be filled in order received. Stock limited. The following four varieties describe these:—

Valley River — Our earliest, sweet, good wild plum. Twigs of tree very black. Fruit over an inch with dark red cheek; fairly firm and sweet.

Wilson River—This attracted our attention last summer by its freedom from plum pocket. Its heavy crop of large green fruit; its dark big leaves and velvety brown twigs. We budded a hundred trees on our judgment. In the end of August it had exceeded our expectations. It was a round red plum over an inch to inch and a quarter; firm and good flavor; cooks up well. It easily took first at Dauphin and Winnipeg. Not as early as Valley River. None of these two to be had till fall 1924.

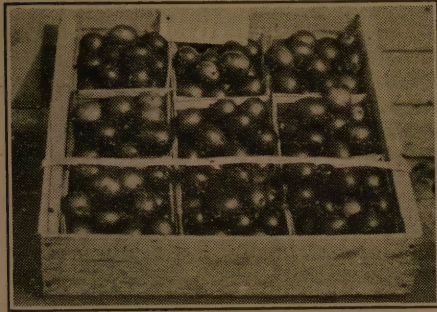
Stevens—Another wild plum; firm, sweet; season same as the first variety. Yellow with red blush; Clear skinned and rather large. A few trees for sale now \$1.50 each. Took first twice at

Eight Assinaboins Winnipeg Garden Show.

Eight Mammoths

✓ **Olson**—A dull red plum of great firmness for a wild plum. Season later than the preceding. It is in shape like the Assinaboin. A few trees for sale now at \$1.50 each. All 1 year 3—5 ft. whips.

These four varieties originate farthest north and should succeed farther north than any other plums listed by nurseries.

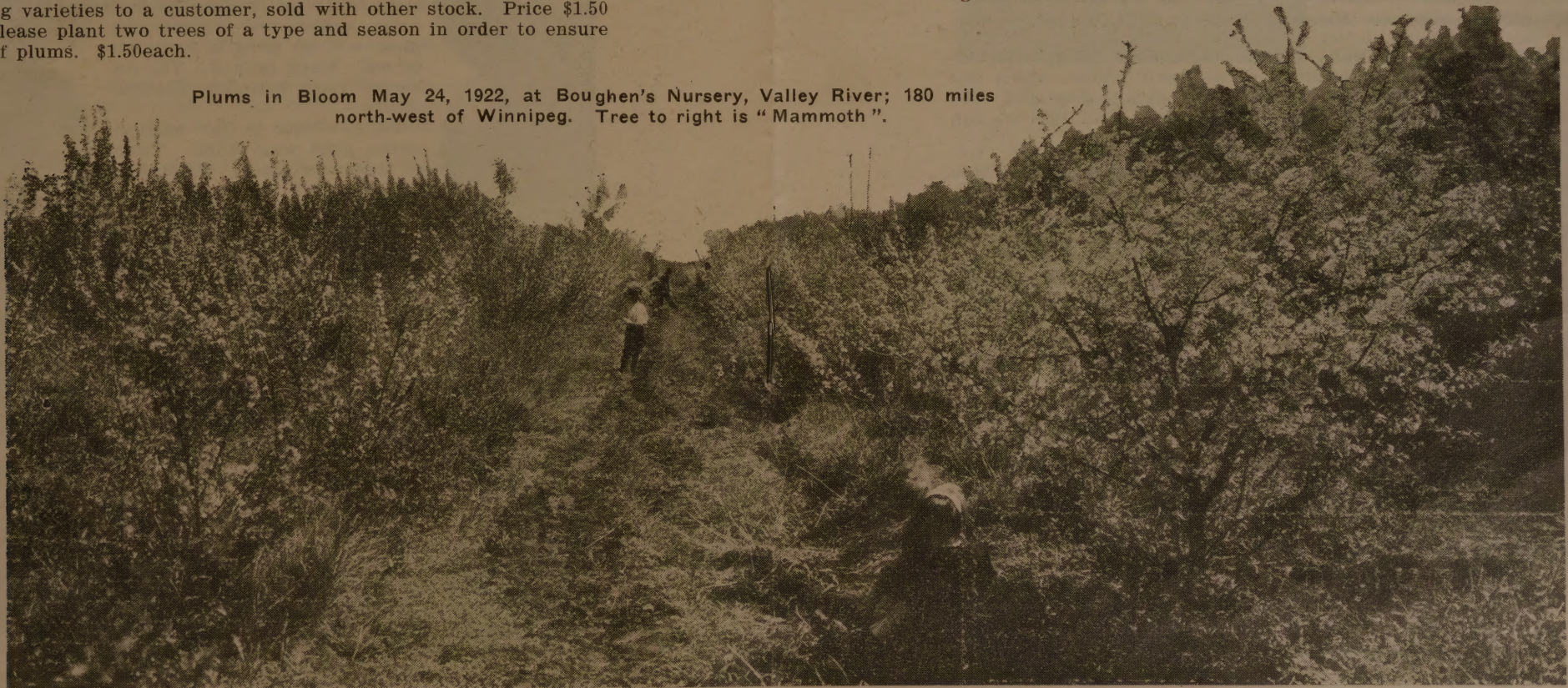


Crate of Assinaboin Plums.

Assinaboin—A Hansen origination from Manitoba wild plum seed. It is the largest of the pure Manitoba plums. Prof. Hansen obtained the seeds that produced this and the Winnipeg plum, from Stonewall, Man. Growing these under exceptional conditions to "spring the type", he at last introduces these varieties. Fruit is red, without bloom, and makes an extra good preserve. Largest of native plums. The **Winnipeg** is a very similar variety of same pedigree as Assinaboin. \$1.50 each.

✓ **Mammoth**—This will be a worthy and lasting monument to its introducer, the late A. P. Stevenson, of Morden. It is early, large, sweet, beautiful and prolific. Tree absolutely hardy with us. Beholders say, in chorus, "Its good enough for anybody." Only one of each of three preceding varieties to a customer, sold with other stock. Price \$1.50 each. Please plant two trees of a type and season in order to ensure a crop of plums. \$1.50 each.

Plums in Bloom May 24, 1922, at Boughen's Nursery, Valley River; 180 miles north-west of Winnipeg. Tree to right is "Mammoth".



Cheney—This is another plum of above type, two weeks later ripening, a week later in blooming. It is large, firm and good when ripe; red; a good preserver; \$1 each.

Aitken—A plum of northern origin. Early to bloom and early to ripen. Large red, wedge; poor quality; not very prolific; 1 yr. 75c.

Compass—A sandcherry-plum hybrid. Quick growing tree; late bloomer. Fruit small red plums; better south of here than north. It makes an excellent cherry-flavored preserve; 75c. to \$1.

Opata—This is a hybrid between the Sandcherry and Burbank's Gold plum, and is known as the best of Hansen's hybrid plums. It is exceedingly good here. We planted five hundred of Opata and Sapa last spring. It hangs well on tree for over a month and will sell in stores here with any imported plum. It is sweet, firm with small pit, and eats with pleasure when half ripe, and makes good preserves. We sell far more of this than any other variety. 75c., \$1, and \$1.25, according to size.

Sapa—Another of Dr. Hansen's hybrids. Sandcherry by the red-fleshed Sultan Plum of California. It has red flesh and is an excellent plum to eat raw or preserve. Prices as Opata.

Sansota and Cheresota—Excellent reciprocal crosses of Sandcherry and Desota Plum. These are good plums, later than Opata, and prolong the fruit season of this type of plum. 75c. to \$1.

Also Etopa, Ezaptan, Wachampa, in Hansen's hybrids.

✗ **Tom Thumb**—A dwarf tree, red-fleshed plum, by Dr. Hansen. Trees bear the year after planting. This is a new hybrid of apparent great merit. Price \$1.50 each, 1 yr. old.

BOUGHEN'S NURSERY, VALLEY RIVER, MAN.

Hanska—A cross of plum and Chinese Apricot. Cooking brings out the Apricot flavor. \$1.

Kaga—A similar cross. Has a fine bouquet when eaten raw. A somewhat flat-shaped red plum; very good. \$1.

Toka—Another of Hansen's Plum by Apricot hybrids. A plum of high quality. \$1. These last three better south than north of here.

We also offer to experimentalists Waneta, Kahinta, Terry, Was-tesa Zekanta, Stella, Omaha, Loring Prize. We have over fifty varieties of named plums and some hundred unnamed. We will have fifteen thousand plum trees to offer in fall of 1924, in 50 varieties.

Underwood—Considered the best plum produced by Minnesota Fruit Breeding Farm. Tree hardy here. We paid \$3 apiece for our first trees of this, and Zumbra in 1981. We sell young trees at \$1.50.

Zumbra Cherry—A hybrid English black cherry, by pincherry, by Sandcherry, from Minnesota Fruit Breeding Farm. Fruited year after planting here; perfectly hardy so far. Fruit large for a cherry. Excellent. \$1.50.

We can supply Zumbra Cherry, Compass, Opata, Sapa, Mammoth and Assinaboin on Sandcherry roots for dwarfing for plant breeders.

Monitor—One of the best of Minnesota F. B. F. plums; large and firm. \$1.50. We can also supply Tonka, Redwing and about eight others by number from the Minnesota F. B. F. at \$1.50 each.

Prof. Broderick, of Manitoba Agricultural College, picked five varieties out of the hundred seedlings of northern plums, which the College secured from Buchanan's Nursery when it was dispersed. We offer a few trees of A. 26 and B. 14 at \$1.50 each. Fall 1924 we can offer three more varieties of these excellent plums.

Seedling Plums—Grown from Mammoth and Cheney seed. These will not come true. 25c. each. \$2.50 per dozen, 1 yr. 3—4 ft. Two year seedling plums, 50c. each; \$5 per dozen.

HANSEN'S (MANITOBA WILD BY BURBANK'S) PLUMS.

Ojibwa—Manitoba Wild, by Burbank's Shiro plum; a complex hybrid of five species. Has fruited well at Man.-Sask boundary line; is a fine quality plum very fruitful. \$1.50 each.

Pembina—Manitoba, by Red June; a large fine plum; very successful at Morden; very early. \$1.50 each.

Cree—Manitoba Wild, by Burbank's Combination plum. A very fine sweet red plum. Complex hybrid of five species. This is something extra fine. Price \$2.00 each.

DO YOU READ THE GRAIN GROWERS' GUIDE?

If you do or do not, you should; and we will assist either an old or new subscriber who orders over \$3 worth of our goods by giving 50c. off the total bill for stock and Guide. Add the amount of subscription price of the Guide to your bill and deduct 50c. and we will have it sent to your address. Please state if new or renewal. The price of the Guide is \$1 for 1 year; \$2 for 3 years; \$3 for 5 years.

SANDCHERRIES.



Champa—Hansen's best and largest Sandcherry selection. It makes a small ornamental tree; has a blue black fruit with long thin pit. \$1 each; \$10 per dozen, grafted on Plum roots.

Selected Seedlings, 2 years, from Hansen's select Sandcherries, 50c.; \$2.50 per dozen.

Other Sandcherries, 25c. each; \$2 per dozen.

Hudson Bay Sandcherries—The most northerly type of all this class of fruit.

50c. each; \$2.50 per dozen.

Chokeless Chokecherry — The best of its kind as far as we know. It is nearly chokeless when fully ripe. Early, fleshy, pit is red.

These are budded on *Prunus Mackii*, which does not sucker. \$1.

Prof. Hansen, celebrated plant breeder, standing. W. J. Boughen and son sitting. The Professor is getting buds off our Chokeless Chokecherry in background

GRAPES.

The varieties listed below fruit here when covered with earth for winter. Prune back severely in the fall.

Alpha—A Minnesota wild grape of good size, and fair flavor. Recommended as the hardiest. 1 yr. old, 50c.; 2 yr., 75c.; \$5 per doz.

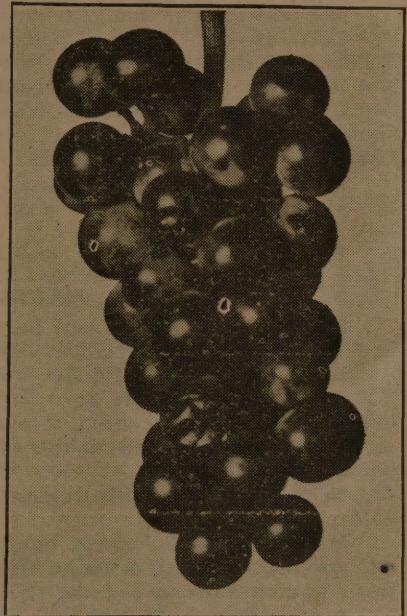
Beta—A hybrid of Concord and Minnesota wild grape; 1 year, 50c.; 2 year, 75c.

Hungarian—Also a hardy variety. Fairly large and good flavor; 1 year 50c., 2 year, 75c. Dozen at price of ten singles.

Wild Grapes—These are nursery grown seedlings of wild grapes, of Riding Mountain. The most northerly grape in Canada. It represents the extreme of hardiness; 2 year, 50c.; 1 year, 5 for \$1.

We advise planting several as some do not bear fruit alone.

Bittersweet (*Celastrus Scandens*) —A native climber; Orangeberries, 40c. each.



Riding Mountain grapes, very slightly enlarged, from the nursery of W. J. Boughen, Valley River.

ORNAMENTAL SHRUBBERY.

Snowball—This is barely hardy with us, but by bending down or some protection it is a good bloomer. 50c.

Hydrangea—*Paniculata Grandiflora*. This does fairly well between the houses in Dauphin, without protection; 50c.; tree form 75c.

Hydrangea Arborescens—Hardier than *P. G.* Flat cymes of white flowers, low growing.

Russian Olive—Makes a small tree with silver leaves. 50c.

TREES FOR WINDBREAK, STREET PLANTING & ORNAMENT.

Elms—Three feet, 40c. each; 5—7 ft. 75c. Best long-lived tree.

Russian Poplar—Hardy, drought-resisting, 6—8 ft. 75c.; 8—12 ft. \$1.

Manitoba Maples—Native tree; 4ft, 50c.; larger trees 75c.

Soft Maple—Often called Silver Maple; 4ft. 50c.; large \$1.

Silver Poplar—Hardy, beautiful silver backed leaves; 6—8 ft. \$1.

Cut Leaf Weeping Birch—Fine ornamental, hardy, 5—6 ft. \$2.50.

White Birch—Two feet, 25c.; 6—8 ft. \$1 each.

Mountain Ash—European hardy; red berried, compound leaves, 5—6 ft. \$1.

Green Ash—Native trees; hardy, drought resistant; 5—6 ft. 75c.

Russian Poplars—Fine for dry locations, quick growing, 6ft. 75c.; 8—10 ft. \$1.

Russian Golden Willow—Quick growing; showy golden bark; 6—7 ft. 60c. each.

Russian Laurel Willow—Makes a small round-topped tree, if pruned up, leaves glossy and retained till snow flies; 6—7 ft. trees 60c.

Britzensis Willow—Quickest grower of all. Heavy bush from 6—7 ft. 50c. each.

One Year Willows—Russian Golden, Laurel-leaf, Britzensis, Basket. Suitable for planting windbreaks a yard or so apart, \$5 per 100.

One Year Russian Poplars—Carolina Poplar \$5 per 100.

Not less than 25 one year olds sold at 5c. each, less at 10c. each.

Cuttings—All Russian Willows, Poplars, Carolina poplar, Basket Willows, Russian *Artemesia*, for hedges, 60c. per 100; \$5 per 1,000. Not less than 100 of a variety sold. Assorted in hundreds if requested.

Carragana—*Arborescens*, used for hedges; absolutely hardy; should be more largely used. Small seedlings 1 year \$1.50 per 100. Large, 18 inches, \$5 per 100; 2ft. and over \$10 per 100.

White Spruce, Native—Can be used singly or in hedges. This is the perfect windbreak as it is on the job twelve months in the year; 1 ft. trees 25c., 2ft. 50c., 3—4 ft. 75c. each.

Tamarac—Native trees, deciduous, 2—4 ft., 50c. each.

HARDY ROSES.

Hansa—Double dark red; hardy without protection; nearly always in bloom from July to October. Best for this country, \$1 each.

Blanc de Coubert—Double white, sweet scented *Rugosa* hybrid, \$1.

Soleil d'Or (Golden Sun)—Old gold with pinkish centre, fairly hardy. Very sweet scented, a long time bloomer; very desirable, \$1.

C. F. Meyer—Fine double silver pink, long stems; only fairly hardy, \$1.

Belle Portvine—Pink *Rugosa* hybrid. All are 2 year No. 1 plants, field grown; 75c.

Moss Roses—Are fairly hardy here, blooming without protection, but possibly better if covered lightly for winter. We have four varieties. **Blanch Moreau** (white) **Crested Moss** (Pink), \$1.

Prairie Queen—A climbing red rose on trial, 60c.

Persian Yellow—Hardy, semi-double, bright yellow; \$1.

Sir Thos. Lipton—A *Rugosa* hybrid, fine white blooms; \$1.

Madame Plantier—Pure white, early bloomer; needs protection 75c.

New Century—Rose pink, double, blooms in clusters, fairly hardy \$1

Sir Thos. Lipton (White)—This and above are *Rugosa* hybrids, fairly hardy, \$1.

Crimson Baby Rambler—Can be kept in pot; fine small roses, \$1.

We can supply a few of good kinds of Hybrid Perpetual roses not listed; strong 2 year field grown at \$1 each. They need protection.

PERENNIAL FLOWERS.

Achillea Ptarmica, The Pearl—One of our best hardy double white flowers; good keeping qualities in bouquet, 25c.; \$2.50 per doz.

Achillea Millefolium Rubrum—Red or pink yarrow, 25c. each.

Anchusa (Dropmore Variety)—Very vivid blue flowers, 4ft.; long blooming period, 25c. each.

Aquilegia, Columbines, Mixed—White and colored, 20c.; \$2 doz.

Aquilegia, Chrysantha—Golden long spurred, elegant; 25c.

Bocconia Cordata. Plume Poppy—Six feet tall, ornamental foliage 25c. each.

Bleeding Heart. (Dielytra)—Hardy; pink, heart-shaped flowers; very desirable; 35c.; \$3.50 doz.

Centaurea Montana (perennial)—Cornflower; hardy; large blue flowers; 25c.; \$2.50 doz.

Baby's Breath (Gypsophila)—Minute white flowers, used in bouquets, 1yr. 2 for 25c.

Cerastium Tomentosa—White leaves and flowers, six inch edging plant, 15c.

Delphinium, or Larkspur—Tall, 4—6 ft., dark or light blue flowers, Kelways 25c. each.

Correopsis—Hardy, rich golden yellow, 2 ft.; flowers July-Oct. 20c.

Dianthus (Sweet William)—Mixed plants good, 15c.

Ferns (Native Variety)—15c. each.

Forget-me-Not—Old English perennial, very good, sure to bloom profusely, 15c.

Helenium Rubrum—Fall flowering; tall, lasting reddish bloom, 25c.

Hemerocallis—Golden lily-like flowers scented, hardy; 15c.

Hollyhocks—Mixed colors, tall double; very showy; 25c.

Hollyhocks—Separate colors, double; red, pink, white, yellow; 30c.

Penstemon—A showy perennial, pink spotted racemes lasting long time; 25c.

Poppy Iceland—White, orange, yellow, mixed; one of earliest flowers; 15c.

Physostegia—Obedient plant—Flowers push aside and stay where put. Pink, showy; 25c.

Pyrethrum—Hardy, daisy-like flowers; 2 ft.; shades from white to dark red; 2 years, strong plants 25c.

Orange Lily—Single 20c.; Double 25c.; late bloomers.

Lychnis—Scarlet Lightning—Vivid red flower heads; hardy; 15c.

Lychnis—Haageana hybrids; shades from pale flesh to red; large bloom; 25c.

Ranunculus—Double buttercup, shining yellow; creeping; 15c.

Sedum Spectabilis—Shiny pink flowers; late, fleshy leaves; 25c.

Sedum Acre—Shiny golden flowers, 3—4 inches; creeping "Irish Moss"; 15c.

Spirea Ulmaria—Creamy pannicles of double flowers in July; 25c.

Golden Glow (Rudbeckia)—Six feet, double yellow flowers; 15c.

Veronica Speedwell—Common and V. Incana, blue flower heads 15c.

Sweet Mary—Very fragrant foliage; flowers inconspicuous; 15c.

Old Man—A small sweet-scented bush; finely cut foliage; 15c.

Clematis Integrifolia—Dull purple flowers; 25c.

Clematis—Yellow, native to North Dakota; 25c.

PEONIES.

No Perennials are more deservedly popular than Peonies. They are the hardiest of the hardy. They will grow anywhere where rhubarb will grow and wish only to be let alone for some years to show at their

best. Do not put fresh manure near the roots when planting. Have soil cultivated deep but do not place eyes more than three inches below the surface. Mulch after planting in dry locations. Peonies do not bloom the first year when planted in spring.

For your convenient information I am placing just after the name the American Peony Society's rating for excellence. So Festive Maxima at 9.3 is 93 per cent perfection.

Asa Gray, 8.1—Very large, full imbricated bloom of delicate lilac, sprinkled with minute dots. The only one in this color. Free bloomer, strong grower, fragrant; each \$1.50.

Albert Crousse, 8.6—Bomb type; rose white; late; strong; free bloomer in clusters. Unusual size with crimson markings; symmetrical, \$1.25 each.

Couronne d'Or, 8.1—White with yellow stamens among petals giving a golden tint; late; agreeable fragrance; very dependable; 75c.

Edulis Superba, 7.6—Early; lively pink; very double; fragrant. One of the best although an old variety, 75c each.

Festiva Maxima, 9.3—Best white with crimson splashes on centre petals. For seventy years a leader. Rather early and fragrant; 75c.

Felix Crousse, 8.4—Bright red; mid-season; fragrant; vigorous grower; blooms freely; and in clusters. Extra fine; \$1.

Francois Ortegat, 6.7—Deep crimson; fine, mid-season; 75c.

Golden Harvest, 7.3—Guard Petals Rose; cream petals encircle a centre splashed with crimson; very beautiful; free flowering and scented; this is our favorite peony; 75c.

Mons Jules Elie, 9.2—Bomb type; pale lilac rose; early; very pleasant odor. Free bloomer, medium height. Blooms average large. Said to be Crousse's masterpiece. Good cut flower; \$1.50.

Louis Van Houtell, 6.9—Deep rich red; semi-rose type, showing stamens; 75c.

Officinalis Rubra—Earliest of all red peonies; \$1.

Queen Victoria—Blush becoming white; early free bloomer; best cut flower sort 75c. One each of above 12 select varieties, value \$11.50, for \$10. Send fall orders in Aug. and Sept. Spring orders at once.

GLADIOLI.

These beautiful lily-like flowers of all colors are increasing in popularity faster than any other flower. The bulbs are taken up in fall and treated as are potatoes. They bloom the first year. They make the best cut flower for vase, cut as soon as first bud opens and in water they will develop and open clear to the tip of 15 or 20 flowers. These are first size Holland and home-grown bulbs. One dozen at price of ten single. Compare our prices with other lists.

Blue Jay—Bright blue, with white markings. Extra, 15c.

Ezra Rust, Baron Hulot, J. W. Fordney—All shades of purple, 12c.

Schwaben—A beautiful showy yellow, dense spike; 10c.

Yellow Hammer—Pure Yellow, strong; 10c.

Glory of Nordwyk—Soft primrose, deeper throat; often showing ten flowers at once. Often listed at 50c. Our price, 20c.

White Giant—Best White, immense flower; 15c.

L'Immaculae—White, stiffly erect; good for florists, 10c.

Halley—Early, salmon pink, wide flower, extra good, 10c.

Marechal Foch—Best new pink. Extra value; 12c.

War—Rather late, blood red; very fine cut flower, 10c.

Red Emperor—Finest Red; large flowers, strong stems, 15c.

Wilbrink—Light Rose. A real good variety, 10c.

Mrs. Frank Pendleton—Salmon pink, with beautiful blotch, 10c.

Primulinus Hybrids, Superfine Mixture—75c. per dozen.

Common Mixed, good kinds, 50c. per dozen.

DAHLIAS.

These are a very satisfactory flower for August and September decoration. They are all colors except true blue. Our Mixture is extra fine; mostly reds, 15c. \$1.50 per dozen; \$10 per 100.

Vivian—White Show, compact, overcast with deep pink; a beauty 25c. each.

Uncertainty—Pink and White, variable, very compact show variety, 25c. each.

Peony Flowered Pink—Twisted inner petals, 25c. each.

Orange Decorative—A fine showy variety, 25c.

Pink Decorative—Inner petals white or cream; very fine, floriferous, 25c.

Dig before ground freezes and keep clumps with adhering earth in box in cellar.

PERENNIAL PHLOX.

These are very showy flowers from July till late fall. The whites are the hardiest in this country, and never kill with us, which the colored do some years. They bloom the season planted, always. All Phloxes 25c.; \$1.50 per doz.

Pyramid—A beautiful early to late, white, fragrant; hardy.

Jeanne of Arc—Later, a large flowered white.

Miss Lingard—Early, pure white, with lavender eye; shiny leaves.

Michael Buchner—Dark purple; late.

Coquelicot—Orange Scarlet; carmine eye; very effective.

Champignot—Bright Rose Color.

R. B. Struthers—Bright pink salmon.

POTATOES AND MULTIPLIER ONIONS.

Earl Ohio—Very early, good quality red. \$1 per bus.

Gold Nugget—An improved Irish Cobbler, by Seager Wheeler. \$1 per bushel.

Potato Onion—10lbs. for \$1; fine stock.

Sweet Clover—*Melilotus Alba*, perennial; Dauphin grown seed; good quality. Write for prices.

TESTIMONIALS.

Encouragements we get from high places

From Prof. W. T. MACOUN, Dominion Horticulturist, Ottawa, C.E.F.

"It seems to me that there is going to be quite a rapid development in horticulture in the Prairie Provinces in the next few years, and you and your nursery should take a prominent part in this, and no doubt you will. I note the new plums which you are naming, and which are likely to prove useful for the North. It will be fine if you get a good stock of these. Some day I hope to visit you at Valley River."

W. R. LESLIE, Superintendent, Morden Experimental Station.

"It is pleasing to note that you are getting some very well deserved publicity."

W. D. ALBRIGHT, Experimental Sub-Station for Grand Prairie Beaver Lodge, Alta.

"Please accept my congratulations upon your achievements in horticulture as detailed in the Christmas Number of the Grain Growers' Guide."

"Opinion seems to be pretty well crystallized that the West needs a new type of Agriculture, with more diversified products and home building as the central purpose. Consequently those who have pioneered in home-making and horticulture have, in my opinion, rendered by far the greatest service of all."

"You will be pleased to know that the Sandcherries and Nigra plums (obtained from here) have been giving a good account of themselves with us."

NUMBER OF PLANTS TO THE ACRE

Feet Apart	No. Trees	Feet Apart	No. Trees
1½ x 3	9680	4 x 6	1815
1½ x 4½	6453	5 x 5	1042
3 x 3	4840	6 x 6	1210
3 x 4	3630	6 x 8	905
4 x 4	2722	8 x 8	680
3 x 5	2904	10 x 10	435
3 x 6	2420	10 x 12	363
4 x 5	2160		

HOW TO CARE FOR NURSERY STOCK

When Received—Avoid any unnecessary exposure to sun or wind. Mud the roots thoroughly at once, and either place them in a rather damp cellar or else “heel” them in the ground in some cool moist place until you are ready to plant. Do not wet the tops of evergreens and strawberries.

If Stock Appears Rather Dry—When received or if weather or ground is unfavorable, it will generally be best not to plant at once, but let it remain heeled in or buried in moist ground for a few days. But this method of handling a much better stand of all kinds of nursery stock will be obtained, especially strawberries, the bunches of which should be cut open and plants spread out.

PRACTICAL POINTERS.

Prepare Ground Thoroughly before planting. Keep grass out and do not plant in sod. When necessary to plant in sod, as in a lawn, remove all sod within a radius of three feet or so, keeping the ground well mulched or cultivated. If you must water, soak the ground thoroughly so that the water will reach the roots. Do not apply just a little frequently, for the soil then bakes and the trees or plants suffer more than if none had been applied. On most of our soils in this section we would not advise plowing under manure in the spring or placing it in the holes dug, but rather apply it as a top dressing around the trees. The soil is usually rich enough for most of our fruit trees. After they begin to bear is the time to apply it; applying it late in the fall as a mulch for winterprotection, and working it into the soil the following season.

How to Plant—Do not expose the roots unnecessarily. For seedlings, strawberries, etc., make a thin mud in which to place them before planting. That is better than “puddling” where planted. Tramp the ground very firm about the roots, leaving only an inch or so of the surface soil loose. Leave it level or dished toward it.

Pruning—Before setting, remove roots and cut back the others. About one half of the previous season's growth on all branches except the leader should be cut off. This gives a well-branched tree in top and roots. Should the season or trees be rather dry, better results will be obtained if they are pruned closer. Large trees do best when trimmed to a pole or only short spurs left at the top. After-pruning should consist in pinching back or cutting out interfering or damaged limbs—aiming to form a symmetrical tree. When large limbs must be removed, do it while the tree is dormant and wax over the wound. June is also a good time to prune, as the wounds then heal over very soon. In this section all fruit trees should be branched low and pruned very little.

Fall Shipments—When received in the fall, a trench should be dug in some well-drained place, deep enough, and sloping so that all trees can be entirely covered. The bundles should be cut open and all straw or moss removed. The earth should be made firm about the trees, and after the ground is frozen cover with enough straw or litter to prevent alternate freezing and thawing. It is a good plan to get stock in the fall if proper care is given to heeling it. Evergreens and strawberries should not be shipped in the fall.